#2/Prior Art
T. McElt.
5/8/02

Attorney Docket No. 00-4069

CERTIFICATE OF MAILING

I hereby certify that this Information Disclosure Statement and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date 8/31/01 in an envelope as "Express Mail Post Office to Addressee" mailing label Number EK555899074US addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

Mary E. Anza
(typed or printed name of person mailing paper)

Mary E. Anza
(Signature of person mailing paper)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Brig Barnum Elliott

For : QUANTUM CRYPTOGRAPHIC KEY DISTRIBUTION NETWORKS WITH UNTRUSTED SWITCHES

Filed: : Herewith

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56, 1.97 and 1.99

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant submits this Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.99 in the above-identified application for consideration by the Patent Office. A listing of the cited documents is also enclosed, as well as, for the Examiner's convenience, a copy of the document. Pursuant to 37 C.F.R. § 1.97(b)(3), because this Statement is being submitted before the first Office Action on the merits, no fee is required.

Applicant does not intend to represent that the document submitted herein is material prior art to this invention or that the list represents an exhaustive search of documents related to this invention.

Applicant requests that the document submitted herein be considered and made of record in this application.

Respectfully submitted,

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EXPRESS MAIL NO. EK555899074US **Sheet 1 of 2**

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No. 00-4069	Serial No. Unassigned
	Applicant Brig Barnum Elliott	
	Filing Date Herewith	Group Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
	AA	5,243,649	9/7/93	Franson	380	9	
	AB	5,307,410	4/26/94	Bennett	380	21	
	AC	5,414,771	5/9/95	Fawcett, Jr.	380	44	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	BA	DeBashis Basak, Daniel O. Awduche, John Drake and Yakov Redhter, Multi-protocol Lambda Switching: Issues in Combining MPLS Traffic Engineering Control with Optical Cross-connects, IETF Internet Draft Memo, http://www.ietf.org/shadow.html, February 2000, page 1-9.
	BB	Daniel O. Awduche, Yakov Rekhter, John Drake and Rob Coltun, Multi-protocol Lambda Switching: Combining MPLS Traffic Engineering Control with Optical Crossconnects, IETF Internet Draft Memo, http://www.ietf.org/shadow.html, January 2001, pages 21.
	BC	Charles H. Bennett and Gilles Brassard, Quantum Cryptography: Public Key Distribution and Coin Tossing, Intl. Conf. On Computers, Systems & Signal Processing, Bangalore, India, Dec. 10-12, 1984, 5 Pages.
	BD	Donald S. Bethune and William P. Risk, Prototype Autocompensating Quantum Cryptography System Based on Polarization Splitting of Light, Session QC41, DCOMP/CCP99: Quantum Computing and Cryptography, 3/24/99 (4 pages).
	BE	D.S. Bethune and W.P. Risk, An Autocompensating Fiber-Optic Quantum Cryptography System Based on Polarization Splitting of Light, IEEE Journal of Quantum Electronics, Vol. XX, No. Y, 1999.
	BF	Graham P. Collins, Quantum Cryptography Defies Eavesdropping, Physics Today, Nov. 1992, page 21-23.

Examiner	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 Patent and Trademark Office - U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE CITATION
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Applicant Brig Barnum Elliott	
Filing Date Herewith	Group Unassigned

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
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	AN	6,005,993	12/21/99	MacDonald	385	16	
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	AR	5,911,018	6/8/99	Bischel et al.	385	16	

FOREIGN PATENT DOCUMENTS

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							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	BG	L.Y. Lin, E.L. Goldstein and R.W. Tkach, Free-Space Micromachined Optical Switches for Optical Networking, IEEE Journal of Selected Topics in Quantum Electronics, Vol. 5, No. 1, January/February, 1999.
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	BI	Simon J.D. Phoenix, Stephen M. Barnett, Paul D. Townsend and K.J. Blow, Multi-user Quantum Cryptography on Optical Networks, Journal of Modern Optics Letter, Vol. 42, No. 6, 1995, pages 1155-1163.
	BJ	Laser End-Point Detection System, IBM Technical Disclosure Bulletin, Vol. 28, No. 7, December 1985, Pages 3151-3163.
	BK	E. Rosen, A. Viswanathan and R. Callon, Multiprotocol Label Switching Architecture, Internet Standards Track Protocol, Internet Official Protocol Standards (STD 1), January 2001, Pages 1-61.
	BL	P.D. Townsend, J.G. Rarity and P.R. Tapster, Enhanced Single Photon Fringe Visibility in a 10 km-Long Prototype Quantum Cryptography Channel, Electronics Letters, Vol. 29, No. 14, July 8, 1993, pages 1291-1293.
	BM	P.D. Townsend, Secure Key Distribution System Based on quantum Cryptography, Electronics Letters, Vol. 30, No. 10, May 12, 1994, pages 809-811.
	BN	P.D. Townsend, J.G. Rarity and P.R. Tapster, Single Photon Interference in 10km Long Optical Fiber Interferometer, Electronics Letters, Vol. 29, No. 7, April 1, 1993, page 634-635.
	BO	James A. Walker, Telecommunications Applications of MEMS, mstnews, March 2000, Page 6-9.

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